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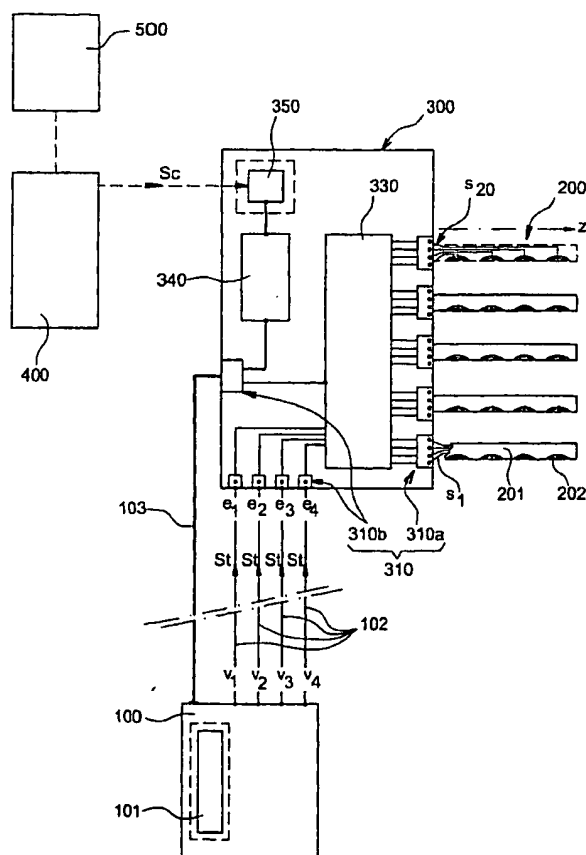
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(54) Title: **IMPROVED CEREBRAL ELECTROSTIMULATION DEVICE**



(57) Abstract: This invention relates to a cerebral electrostimulation device containing a commutation device (300) comprising at least one input and several outputs each connected to at least one biocompatible electrode or at least one active area (202) of a biocompatible electrode (200), the commutation device (300) being used to selectively connect at least one input to one or more outputs. This electrostimulation device may be used for methods of diagnostic or therapy for the treatment of some pathologies, for example such as epilepsy or Parkinson's disease.

WO 2005/039694 A1



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